(ii)   based on the DNS request, establishing the encrypted channel between the client and
         the target.

73.   The method of claim 72, wherein step (ii) comprises steps of:

a)   determining whether the client is authorized to access the target;

b)   when the client is authorized to access the target, initiating the encrypted channel;
         and

c)   when the client is not authorized to access the target, sending an error message to the
         client.

74.   The method of claim 73, wherein step b) comprises sending encrypted channel
parameters to the client.

75.   The method of claim 72, wherein step (ii) occurs in a communication protocol
independently of an application program.

76.   The method of claim 72, wherein step (i) comprises a DNS proxy server intercepting
the DNS request sent by the client.

77.   The method of claim 72, wherein step (ii) comprises establishing the encrypted
channel responsive to intercepting a DNS request for a domain name comprising a predetermined
domain name extension.

78.   A method for establishing an encrypted channel between a client and a secure host,
comprising the step of automatically creating the encrypted channel upon intercepting a DNS request
for a domain name comprising a predetermined domain name extension.

79.   The method of claim 78, wherein the creating step is performed in a communication
protocol independently of an application program.

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